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Abstract

Method for providing location information

In MTCs, it may be necessary to identify the location
of the B-subscriber as precisely as possible.
The location information is determined in the following
steps:

a) A first message is addressed by the SCP and
   dispatched to the required terminal. This first
   message is forwarded by the Visitor Location
   Register and simultaneously initiates an update of
   the location information contained in the Visitor
   Location Register, insofar as the subscriber
   identification was successful. The location
   information includes an indication of when this
   location information was identified/created. This
   age information is similarly updated.

b) A second message is then dispatched. By means of
   this message, the Service Control Point then
   interrogates the stored location information and
   age information in the Visitor Location Register.
   The age information indicates whether the supplied
   location information is up-to-date.

c) If the determined location information is
   identified as up-to-date, it is evaluated by the
   Service Control Point and used for further
   purposes, for example a location-dependent MTC-IN
   service.

Figure 2